Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 20 Jan 2021 until 23:59 on Thursday 21 Jan 2021

Forecast Issued on Wednesday 20 Jan 2021 at 00:15

Confidence: High for wet and windy conditions on Wednesday, then a return to colder and brighter conditions from Thursday. Medium in cloud and snow details from Thursday.

Headline for Wednesday 20 Jan 2021: Very wet and windy with extensive low cloud. Sleet and snow on the tops later.

Mountain weather hazards on Wednesday 20 Jan 2021

Blizzards
No Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Sleet	Heavy snow
Precipitation probability					
60%	70%	90%	90%	80%	80%

Forecast for Wednesday 20 Jan 2021

Weather: Cloudy and overcast with outbreaks of heavy and persistent rain. It will steadily turn to sleet and snow over the highest tops in the evening.

Chance of cloud free mountain/hill tops above 600m: Nil to 20% with extensive cloud throughout the day.

Visibility: Persistent cloud cover generally 400-600m throughout the day, with some very limited breaks to the lee of the higher peaks. Mainly moderate, but poor at times in the heavy and occasionally persistent rain. Potentially poor in the sleet or snow later in the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Wednesday 20 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/27 SW	16/22 SW	16/23 SW	10/14 SW	9/14 NW	8/13 W	13/20 W
300	11/25 SW	9/19 SW	10/21 SW	5/12 SW	7/14 NW	6/12 W	11/21 W
Valley	7/20 SW	5/13 SW	4/13 SW	4/9 NW	8/15 NW	6/12 W	8/18 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/2	5/1	5/2	3/-0	1/-2	-0/-6
300	8/4	7/5	7/4	7/5	5/3	3/0	2/-3
Valley	8/6	8/6	7/6	6/5	5/2	3/1	2/-1
Freezing Level*	1600m	1600m	1600m	1400m	1000m	600m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Timings of the winds changing from the SW into the W and easing could be later than shown in table.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 20 Jan 2021	47.4mm	58.2mm	60.2mm

Forecast for Thursday 21 Jan 2021

Weather: Bright with long clear spells. Some wintry showers, snow mainly above 300m.

Maximum wind: West or Northwest 20 to 30mph gusting 40mph with a severe wind chill.

Chance of cloud free mountain/hill tops above 600m: 80%, rapidly improving conditions from the west, but some scattered showers may affect mainly western hills.

Visibility: Patches possible on western upslopes to around 500m, with clearer skies in the east where bases will generally be above the hills. Visibility becoming good or very good, but occasionally moderate in any showers or rain, perhaps briefly poor in snow.

Temperature: **Valleys:** Zero to Plus 4 Celsius
At 600m: Minus 1 Celsius
Freezing level: 400 to 600m.

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